

## ABSTRACT

In an ATM switch, upon the occurrence of a line fault, an SNMP agent of an ATM switch on a called side detects a line fault and notifies the line fault to a calling side by a trap signal. An SNMP agent having an SNMP manager function of an ATM switch on the calling side receives the trap signal. A line manager specifies a line on which a fault has occurred based on line fault information of the trap signal and switches over to a predetermined alternate line. Also, the ATM switch has a PNNI interface mounted thereon and notifies a PNNI line fault to the calling side by the trap signal.